RESEARCH AND DEVELOPMENT FOREIGN PATENT REVIEW

	Helf. No.	Subject	Inventor	Recommendations
(1)	582-246	A coherent reconstituted tobacco product comprised of ground tobacco waste, a mixture of gelatinized tobacco/tobacco fibers, adhesive, additives, and moisture in specific amts.	Sproull et al	Abandon
(2)	582-297	Preparation of flavoring and aromatic materials by treatment of tobacco with lower alkyl alcohols in presence of mineral acid catalyst.	Hind et al	Adandon
(3)	582-326	Method of forming cigarette filter from strip sheet material including carbon impregnated paper.	E. Schaaf	Maintain
(4)	582-327 CIP	Method of forming a sheet tobacco product from stems, fines and/or stalkes of increased wet strength.	A. Clarke	Abandon
(5)	582-335	Plastic thin-walled disposable cigarette container, the "Sport Pack"	Wiley et al	Maintain – review countries
(6)	582-338	Selective extraction of nicotine and other alkaloids from tobacco without removing other natural desirable components.	J. Hind	Maintain
(7)	582-339	Filter having activated carbon secured therein by a non-masking adhesive comprising a mixture of polyvinylpyrolidone and polyhydric alcohol.	Seligman et al	Maintain

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(8) 582-362	Electret and Method for Its Manufacture	Grandine et al	Abandon
(9) 582-362 CIP	Improved Method for the Manufacture of Electrets and Novel Electrets Produced Thereby	Baxt et al	Abandon
(10) 582-373/5	A composition of matter comprising smoking tobacco and a tri-o-thymotide inclusion complex which will release flavorants into tobacco smoke upon pyrolysis.	Bavley et al	Abandon
(11) 582-379	A tobacco product containing flavorants which are reaction products of a lower alcohol and the saccharides or organic acids native to tobacco.	Hind et al	Maintain
(12) 582-380/414	A reconstituted tobacco product formed by treating tobacco plant parts with solution of DAP.	Hind et al	Maintain
(13) 582-384	The addition of Diels-Alder adducts as nonvolatile components to tobacco to give flavorant upon pyrolysis.	Bavley et al	Abandon
(14) 582-395	A method for applying a polyethylene coating to a cutting blade.	Creamer et al	Check w ASR Then Ab
(15) 582-397	A filter for tobacco containing a flavor-imparting amount of a flavorant selected from the group consisting of oil of anise, star anise oil, fennel oil, anethole, methyl chavicol and anisic acid	Seligman et al	Maintain

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(16)	582-398	A filter for tobacco smoke comprising carbon and a flavorant such as borneol or geranyl acetate.	Seligman et al	Maintain
(17)	582-409	A tobacco product into which nonvolatile dimers of cinnamic acid or derivatives have been incorporated.	Bavley et al	Maintain
(18)	582-413	A method for applying a polyethylene resin coating to a cutting blade which comprises applying a polyethylene resin and a free-radical generator to a blade and thereafter heating the blade.	L. Weissbecker	Check ASR
(19)	582-417	Razor blade edges are coated with "Teflon" type resin containing an organic peroxide or other free radical generator and are heat-cured.	L. Weissbecker	Check ASR
(20)	582-418	Reconstituted tobacco of improved tensile strength, elasticity by mixing ground tobacco with water and enzyme which will degrade cellulose hemicellulose, and pectin.	Bavley et al	Maintain
21)	582-419	A tobacco product with added polyisoprenoid alcohol to give milder smoke, with citrus/flowery note.	Grossman et al	Maintain

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(22)	582-421	A continuous process for selective removal and recovery of alkaloid from tobacco, based upon nicotine/ salt brine relationship vs. temperature.	Staley et al.	Maintain
(23)	582-425	In the process for treating razor blades with a coating of polytetrafluoroethylene the improvement comprising maintaining the blades in a reducing atmosphere during the baking operation.	Creamer	Check w ASR
(24)	582-429A	Cigarette filter comprising a sorbent section and a flavored section in parallel	Seligman et al	Maintain
(25)	582-429B	Filter comprising a sorbent section and a flavored section in series; cigarette with tobacco adjacent to sorbent section.	Seligman et al	Maintain
(26)	582-436	A process by which an embossed satiny effect is obtained by coating a substrate with a thermoplastic material and then applying controlled heat to the coating.	S. Rosen	Abandon
(27)	582-438	A plastic cigarette pack with cover in a form not now used in the "Sport Pack" having been replaced by the hinged cover of U.S. #3,391,780.	Wiley et al	Abandon

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(28)	582-439	A cigarette filter into which has been incorporated a stable flavorant (inclusion complex) which is released by displacement as the attached filler rod is smoked.	Bavley et al	Abandon
29)	582-440	Nicotine/ion exchange resin in filter to supplement nicotine in smoke.	Bavley et al	Maintain
30)	582-447	Smoking compositions which have as additives non-volatile carbonates which release flavorants into the smoke when the tobacco product is burned.	Bavley et al	Maintain
31)	582-453	A practical process for the production of large quantities of electrets.	L. Stewart, Jr.	Abandon
32)	582-454	The TFP process, whereby papermaking techniques are applied to reconstituting tobacco, in combination with recirculation of the process water (white water) to conserve tobacco solubles.	Michels et al	Maintain
33)	582-455	Adding to a tobacco product 0.025% to 5% on tobacco weight of pyrolysis products of a mixture of an oxygenated terpenoid and a terpene.	Bavley et al	Maintain

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(34)	582-456	An apparatus for administering to individuals subjective sampling tests which involve an exercise of sensory judgment.	W. L. Dunn, Jr.	Abandon
(35)	582-464	An improved embossing roller which eliminates misregistration of the die element.	J. Staley	Maintain Check countries
(36)	582-468	Filter comprises activated carbon particles bonded with polyalkylene oxide (e.g. "Polyox") into a porous plug.	Westbrooke et al	Maintain
(37)	582-470 A & B	As tobacco additives, alkali or alkaline earth metal carbonates, bicarbonates, or bisulfites reduce harshness and improve smoke flavor.	W. Danker	Maintain
(38)	582-471	An improved package ("Wickless Package") wherein transmission rate of water vapor and of volatile materials is greatly reduced.	J. Staley	Maintain
(39)	582-488A	Stems containing four to 23% moisture are exposed for 10 sec. to 20 min. to a radiant energy source at 140 - 170° C at a reduced pressure of about 20 mm to cause expansion.	R. de la Burde	Maintain
(40)	582-488D	Tobacco stems puffed by known means are sliced parallel to the stem axis.	R. de la Burde	Maintain

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(41)	582-488E	Puffed tobacco stems are moistened and passed through heated rolls to separate mesophyll, epidermis, and xylem to preserve the puffed state.	R. de la Burde et al	Maintain
(42)	582-488F CIP	The method of expanding stems which comprises placing tobacco stems in a heated gas from several sources to effect a fluidized suspension.	R. de la Burde et al	Maintain
(43)	582-489A	An electret has one of the faces of the sheet or other thin form of non conducting material coated with a film of conductive material, such as metal.	Baxt et al	Abandon
(44)	582-489B	A polaret has one of the faces of the sheet or other thin form of non conducting material coated with a film of conductive material such as metal.	Baxt et al	Abandon
(45)	582-489C	Two metallized electrets are adhered with the metal layers in electrical contact and lying between the non-conducting layers.	Baxt et al	Abandon
46)	582-489D	Two metallized polarets are adhered with the metal layers in electrical contact and lying between the non conducting layers.	Baxt et al	Abandon
47)	582-490	The Long Par filter of a semi-cylindrical shell parts enclosing an axially extending filter strip through which the smoke is made to pass at tight angles by means of barriers.	Thomson et al	Maintain

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(48)	582-498	The process of stressing spaced bands of a reconstituted tobacco sheet to effect a creped structure in the bands.	O. Licis	Maintain
(49)	582-505	Method and apparatus for making the Longpar filter assembly continuously and at high speed.	Larson et al	Maintain
(50)	582-509A	A designed filler is prepared using tobacco pectins as the basic film-forming ingredient to which are added minerals and optionally other ingredients such as nicotine and humectants.	Hind et al	Maintain
(51)	582-509B	Tobacco parts are extracted with water continuously recirculated over acid-form ion-exchange resin to remove the pectin salt cross-links, and then the fibers are combined with sugar, natural acids, and minerals to produce a custom-made tobacco product to specifications.	Hind et al	Maintain
(52)	582-516	For the continuous assembly of the Longpar filter, chainblock conveyors to keep the two shell halves in register as they are pressed together to form the finished product.	Mutter et al	Maintain

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(53) 582-528	DAP is added to the stems before rolling to make RKS	Hind et al	Maintain

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